



**STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
COLUMBIA ENVIRONMENTAL FIELD OFFICE**

**1421 HAMPSHIRE PIKE  
COLUMBIA, TENNESSEE 38401**

**PHONE (931) 380-3371    STATEWIDE 1-888-891-8332    FAX (931) 380-3397**

January 9, 2013

Mr. Mike McClanahan, City Manager  
City of Clifton  
P.O. Box 192  
Clifton, TN 38425

RE: Compliance Evaluation Inspection  
Clifton Lagoon #1  
NPDES Permit No. TN0061387  
Clifton, Wayne County, Tennessee

Dear Mr. McClanahan:

On December 20, 2012 I conducted a Compliance Evaluation Inspection (CEI) of the City of Clifton STP #1. A CEI is conducted to determine compliance with the permit and to review the operation and maintenance of the treatment system. The following comments are for your consideration:

1. The current permit became effective on January 1, 2009 and shall expire on November 30, 2012. In order to discharge beyond the expiration date, information and forms shall be submitted no later than 180 days prior to the expiration date.
2. It was discussed during the inspection that a new employee would soon be training to become the certified operator of the City of Clifton wastewater plants. The current certified operator of the treatment plants and collection system is employed by the city on a limited basis. The certified operator will need to ensure that the tests being performed by the trainee are being performed by the proper method and the information being recorded is accurate. A former certified operator for the city is currently performing the daily testing requirements and ensuring that the treatment system is functioning properly.
3. The collection system must be overseen by someone capable of performing tasks in the absence of the certified operator. The person performing these tasks should keep a log book and report any significant issues to the certified operator. Any overflows from the collection system shall be reported to the Columbia Environmental Field Office (CEFO) as required in the permit.
4. The plant head works was functioning as designed on the day of the inspection. The new bar screen and grit removal system has improved the initial operating efficiency of the wastewater treatment process.

5. It was observed during the inspection that the influent composite sampler tubing needed to be replaced. The tubing should be visually inspected and replaced as needed. The composite sampler temperature control was functioning properly on the day of the inspection.
6. Monitoring requirements for this permit are conducted at the Clifton Lagoon #2 laboratory. The laboratory is equipped to perform the analytical testing required by the permit.
7. There are three lagoons to provide treatment of the wastewater. Each lagoon is equipped with two surface aerators. The wastewater gravity flows between the first two lagoons. The effluent is disinfected with sodium hypochlorite prior to being discharged underwater into the Tennessee River. The effluent being produced on the day of the inspection was clear. The treatment system is enclosed with a perimeter fence with a locked gate.

This concludes my observations. I would like to thank Mr. Wallace for his time and cooperation during the inspection. If you have any questions you may reach me at [gary.horne@tn.gov](mailto:gary.horne@tn.gov) or at 1-931-840-4166.

Sincerely,



Gary Horne  
Division of Water Resources